

Title (en)

Injection nozzle, in particular hot-runner nozzle, for arrangement in an injection mould

Title (de)

Spritzgussdüse, insbesondere Heisskanaldüse, zur Anordnung in einem Spritzgiesswerkzeug

Title (fr)

Buse de moulage par injection, notamment buse à canal chaud, devant être disposée dans un outil de moulage par injection

Publication

**EP 2026945 A1 20090225 (DE)**

Application

**EP 07725446 A 20070523**

Priority

- EP 2007004546 W 20070523
- DE 102006026579 A 20060608

Abstract (en)

[origin: CA2654032A1] In the case of an injection nozzle, in particular hot-runner nozzle (7), for arrangement in an injection mould (11) which has a relatively large number of plates as a function of the configuration, and which has, on its solid mould side (I), at least one platen (4) and one feed plate (5), and, on its mould side (II) at least one cavity plate (2), at the mould cavity (3) of which the nozzle point (8) is used, where the hot-runner nozzle (7) has been formed with a housing collar (11) and has been formed in a central material tube with a flow channel (9) for a material melt leading to the nozzle point (8), and has connections for a heating system (16) and/or cooling system and temperature sensor (17), the injection nozzle (7) has been incorporated in to the injection mould (1) from the mould side (II) with sealing with respect to the feed plate (5).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2007140877A1

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